Index of Claims



Application/Control No.

10/663,863 Examiner

Elmira Mehrmanesh

Applicant(s)/Patent under Reexamination

GIBART ET AL.

Art Unit

2113

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | Date     |                   |              |                |              |          |  | Claim    |              |  | Date |          |          |          |          |  |          |              |  |         |
|----------|----------|-------------------|--------------|----------------|--------------|----------|--|----------|--------------|--|------|----------|----------|----------|----------|--|----------|--------------|--|---------|
|          |          |                   |              |                |              |          |  |          |              |  |      |          |          |          |          |  |          |              |  |         |
| Final    | Original | 10/24/06          |              |                |              |          |  |          |              |  |      | Final    | Originat |          |          |  |          |              |  |         |
|          | 1_       | 1                 |              |                |              |          |  |          |              |  |      |          | 51       |          |          |  |          |              |  |         |
|          | 2        | 1                 |              |                |              |          |  |          |              |  |      |          | 52       |          |          |  |          |              |  |         |
|          | 3        | 1                 |              |                |              |          |  |          |              |  |      |          | 53       |          |          |  |          |              |  |         |
|          | 4        | 1                 |              |                |              |          |  |          |              |  |      |          | 54       |          |          |  |          |              |  | L       |
|          | 5        | 1                 |              |                |              |          |  |          |              |  | ]    |          | 55       |          |          |  |          |              |  | L       |
|          | 6        | 1                 |              |                |              |          |  |          |              |  |      |          | 56       |          |          |  |          |              |  | L       |
|          | 7        | ٧                 |              |                | _            | L        | 乚  | L        |              |  |      |          | 57       |          |          | L  | <u></u>  |              |  | L       |
|          | 8        | 1                 |              |                |              | <u> </u> |  | _        |              |  |      |          | 58       | L        |          | L  |          | _            |  | L       |
|          | 9        | -                 |              |                | L            | <u> </u> |  | _        |              |  |      |          | 59       | L        |          |  | <u>_</u> |              |  | L       |
|          | 10       | V                 |              |                |              |          |  |          | L            |  | ļ    |          | 60       | _        |          |  | <u> </u> |              | _  | L       |
|          | 11       | 1                 | <u> </u>     |                | _            |          | L  |          |              | <u> </u>   | ļ    |          | 61       | _        |          | <u></u>  | L        |              |  | L       |
|          | 12       | <u>  -</u>        |              |                | _            | <u> </u> | <u> </u>   | _        | _            | _  |      |          | 62       | _        |          |  | ļ        |              |  | L       |
|          | 13       | ٧                 | _            | ļ              | _            | ļ        | _  | <u> </u> |              | _  |      |          | 63       | Ш        |          | _  | _        | <u> </u>     | <u> </u>   | Ļ       |
|          | 14       | 1                 | _            |                |              | <u> </u> | _  | _        |              | <u> </u>   |      |          | 64       |          |          | <u> </u>   |          | <u> </u>     |  | L       |
|          | 15       | ŀ                 | _            |                | L_           | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   |      |          | 65       |          |          |  | <u> </u> | _            | _  | L       |
|          | 16       | 1                 | _            | _              | <u> </u>     | <u> </u> |  |          | <u> </u>     | <u> </u>   |      |          | 66       |          |          |  | L        | <u> </u>     |  | ╄       |
|          | 17       | 1                 | _            |                | _            | L        | <u> </u>   | L        | <u> </u>     | <u> </u>   |      |          | 67       |          |          |  | _        | <u> </u>     | _  | ŀ       |
|          | 18       | 1                 |              | _              | -            | ┡        | _  | _        |              |  |      |          | 68       |          |          | <u> </u>   |          | -            | <u> </u>   | ╀       |
| <u> </u> | 19       | 1                 | H            | ├-             | <del> </del> | ├—       | _  |          | <u> </u>     | Ь—   |      |          | 69<br>70 |          |          | H  | <u> </u> | <del> </del> |  | ╀       |
| -        | 20       | 1                 | <del> </del> | -              | ┢            | ├—       | ⊢  | <u> </u> | ⊢            | -  |      |          |          | $\vdash$ |          | <u> </u>   |          |              | <del>                                     </del> | ╀       |
| <u> </u> | 21       | 7                 | -            | -              | -            | ⊢        | ⊢  | _        | <del> </del> | ⊢  |      |          | 71       |          |          | ├─   | <u> </u> | -            | $\vdash$   | ╀       |
| -        | 22<br>23 | 1                 | ┝╌           |                | ├            | ├        | ⊢  | -        | ┝            | ┝  |      |          | 72<br>73 | $\vdash$ |          | $\vdash$   | -        | ⊢            |  | ╁       |
| ļ        | 24       | 1                 | ┝            | <del>  -</del> |              | -        | $\vdash$   | -        | $\vdash$     | $\vdash$   | 1    |          | 74       |          |          | ┢  |          | ┢            | ├─   | ╁       |
| -        | 25       | V                 | ├            |                | -            | $\vdash$ | H  | -        | ┝            | ┝  | ł    |          | 75       |          | _        | $\vdash$   |          |              |  | ╁       |
| -        | 26       | 1                 | H            |                | -            | -        | ├─   | -        | ├            | $\vdash$   | ł    |          | 76       | -        | -        | $\vdash$   | $\vdash$ |              | $\vdash$   | H       |
|          | 27       | 1                 | $\vdash$     | $\vdash$       |              | ├─       | -  |          |              | $\vdash$   | ł    |          | 77       | -        |          | ┢  |          | H            | $\vdash$   | t       |
|          | 28       | V                 | ┢            | -              | -            | -        | -  |          |              |  |      |          | 78       | $\vdash$ |          | $\vdash$   | $\vdash$ | $\vdash$     | 一  | t       |
| -        | 29       | <del>  `</del>    | $\vdash$     | -              |              | ┢        | <del>                                     </del> |          | -            | <del>                                     </del> | l    |          | 79       |          | _        | _  | -        | -            | H  | t       |
|          | 30       | -                 | $\vdash$     |                |              | $\vdash$ | _  | $\vdash$ | $\vdash$     | _  | 1    |          | 80       |          |          |  | -        |              | Н  | t       |
|          | 31       | ┪                 | -            |                | $\vdash$     | $\vdash$ | $\vdash$   |          |              |  | 1    |          | 81       |          |          | 一  | ┢        | ┢            | <u> </u>   | t       |
|          | 32       |                   | _            |                | <u> </u>     |          | _  | T        | _            | <del></del>                                      | 1    | $\vdash$ | 82       |          | _        | <del>                                     </del> | i        |              | T  | t       |
|          | 33       |                   |              |                | ╁            | _        | 1  | $\vdash$ |              | $\vdash$   | 1    |          | 83       |          |          | $\vdash$   | ┪        | ┢            | ┢┈   | T       |
| _        | 34       |                   |              |                | $\vdash$     | $\vdash$ | _  | $\vdash$ |              |  | ĺ    |          | 84       |          |          |  |          |              | ┢  | T       |
|          | 35       |                   |              |                |              |          |  |          |              |  | 1    |          | 85       |          |          |  |          | Г            | Г  | T       |
|          | 36       | 一                 |              |                |              |          |  |          |              |  | 1    |          | 86       |          |          |  |          |              | Г  | T       |
|          | 37       | 1                 |              |                |              |          |  |          |              |  | ]    |          | 87       |          |          |  |          |              |  | Γ       |
|          | 38       |                   |              |                |              |          |  |          |              |  | ]    |          | 88       |          |          |  |          |              |  | Γ       |
|          | 39       |                   |              |                | L            |          |  | Ĺ        |              |  | ]    |          | 89       |          |          |  |          |              |  | Γ       |
|          | 40       |                   |              |                |              |          |  |          |              |  | ]    |          | 90       |          |          |  |          |              |  | Ĺ       |
|          | 41       |                   |              |                |              |          |  |          |              |  | ]    |          | 91       |          |          |  | Ĺ        |              |  | Ĺ       |
|          | 42       | L                 |              |                |              |          |  | L        |              |  | ]    |          | 92       |          |          | L_   | _        |              |  | L       |
| <u></u>  | 43       |                   |              | <u> </u>       | L            | <u> </u> |  | <u>L</u> | L            | <u> </u>   | ļ    |          | 93       |          | L_       | <u></u>  | <u> </u> | <u> </u>     | <u> </u>   | L       |
| <u></u>  | 44       | _                 | _            | <u> </u>       |              | 匚        | <u>L</u>   | <u> </u> | <u> </u>     | <u> </u>   | 1    |          | 94       | L_       |          | _  | L_       | <u> </u>     | L_   | L       |
| L        | 45       | $ldsymbol{f eta}$ |              |                |              | _        | L_   | <u> </u> | L            | L  | ļ    |          | 95       |          |          | <u> </u>   | <u> </u> |              |  | 1       |
| L        | 46       |                   | <u> </u>     | <u> </u>       | _            | <u> </u> | <u> </u>   | <u> </u> |              | <u> </u>   | Į    | ļ        | 96       | <u> </u> | _        |  | <u> </u> | ļ            | L_   | 1       |
| <u> </u> | 47       | <del> </del>      | <u> </u>     | <u> </u>       | <u> </u>     | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   | 1    | <u> </u> | 97       | Ш        | L-       | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   | 1       |
| <u></u>  | 48       | L-                | <u> </u>     | <u> </u>       | L            | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   | Į    | <u> </u> | 98       | <u> </u> | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     |  | $\perp$ |
| <u></u>  | 49       | <u> </u>          | <u> </u>     | <u> </u>       | <u> </u>     | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     | <u> </u>   | ł    | <u> </u> | 99       | L        | _        | ļ  | <u> </u> | <u> </u>     | <u> </u>   | 1       |
| L        | 50       | <u> </u>          |              | L              | L            |          | <u> </u>   | <u> </u> | L            | <u> </u>   | J    | L        | 100      |          | <u> </u> | L  |          | Ц_           | L_   | L       |

| Cla      | im       |          |                |                                     |                 | ate      | -            |          |              |              |
|----------|----------|----------|----------------|-------------------------------------|-----------------|----------|--------------|----------|--------------|--------------|
|          | -        |          |                |                                     |                 |          |              |          |              |              |
| 펼        | Original |          |                |                                     |                 |          |              |          |              |              |
| Final    | Ę        |          |                |                                     |                 |          |              |          |              |              |
|          | 0        |          |                |                                     |                 |          |              |          |              |              |
|          | 51       |          |                |                                     |                 |          |              |          |              |              |
|          | 52       |          |                | -                                   |                 |          |              |          | $\neg$       | _            |
| <b></b>  | 53       | -        | $\neg$         | _                                   | _               | -        |              |          |              |              |
| <b>—</b> | 54       | -        | _              | -                                   | $\dashv$        | _        |              | _        | $\neg$       | -            |
| <b></b>  | 55       |          |                |                                     |                 |          |              |          | -            | _            |
| <b>—</b> | 56       | -        | -              |                                     | _               | _        |              |          |              |              |
| $\vdash$ | 57       | -        |                |                                     | =               |          | _            |          | -            | —            |
| $\vdash$ | 58       | _        |                | _                                   | -               |          |              | -        |              |              |
| $\vdash$ | 59       |          | -              |                                     |                 | _        |              |          | -            |              |
| <u> </u> | 60       | _        | _              |                                     | $\vdash$        |          |              |          | -            | _            |
| <b>-</b> | 61       | _        |                |                                     | $\blacksquare$  |          | _            |          |              |              |
| -        | 62       | -        | -              |                                     | Н               |          |              |          | $\vdash$     |              |
| <u> </u> |          | -        |                |                                     | $\vdash$        |          |              |          | Н            | _            |
| -        | 63       |          |                |                                     | Н               |          | -            |          | $\vdash$     | -            |
| -        | 64       | H        |                | _                                   | $\vdash$        | _        |              |          | $\vdash$     | -            |
| -        | 65       |          |                |                                     | $\vdash \vdash$ |          | -            |          | $\vdash$     | <u> </u>     |
| -        | 66       |          |                |                                     |                 |          |              |          |              |              |
|          | 67       |          |                |                                     | -               |          |              |          |              |              |
|          | 68       |          |                | _                                   | _               |          |              |          | Ш            | _            |
|          | 69       |          |                |                                     | Н               |          | _            |          |              |              |
| -        | 70       |          |                | _                                   |                 | _        |              |          |              |              |
| <u> </u> | 71<br>72 |          |                | _                                   | _               |          |              |          |              | _            |
|          | 72       |          |                | $\vdash$                            | -               |          |              |          |              |              |
|          | 73       |          |                |                                     |                 |          | _            |          |              |              |
|          | 74       |          |                |                                     |                 | _        |              |          |              |              |
|          | 75       | _        |                |                                     |                 |          |              |          | _            | _            |
|          | 76<br>77 |          |                |                                     |                 |          |              |          |              |              |
| · ——     | 77       |          |                |                                     |                 | _        | _            |          | _            | -            |
|          | 78       |          | _              |                                     | _               |          |              |          |              | _            |
|          | 79       |          |                |                                     | Щ               |          |              |          |              | _            |
|          | 80       |          |                |                                     | _               | _        | _            |          |              | _            |
|          | 81       |          | _              |                                     |                 |          | _            |          |              |              |
| <u> </u> | 82<br>83 |          |                |                                     |                 |          | L            |          |              | _            |
| <u> </u> | 83       | Ш        |                | L                                   |                 |          | L            |          | Ш            | <u> </u>     |
| <u></u>  | 84       | _        | L              | _                                   |                 | <u> </u> | <u> </u>     |          | $\sqcup$     | <u> </u>     |
| <u></u>  | 85       |          |                |                                     |                 |          |              |          | $\vdash$     |              |
| <u> </u> | 86       |          |                | L                                   | _               |          | <u> </u>     |          | $\vdash$     | <u> </u>     |
| <u> </u> | 87       |          | <u> </u>       | _                                   |                 |          | L_           |          | <u> </u>     |              |
| <u> </u> | 88       | _        |                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _               | _        |              | _        | $oxed{oxed}$ | <u> </u>     |
| -        | 89       | _        | $\vdash$       | ļ                                   | _               |          | _            |          |              | <u> </u>     |
| <u> </u> | 90       | <b>-</b> | $\vdash$       | <u> </u>                            | <u> </u>        |          | <u> </u>     |          | $\vdash$     | $\vdash$     |
| <u> </u> | 91       |          | <u> </u>       |                                     | $\vdash$        | _        | <u> </u>     | _        | $\vdash$     | <u> </u>     |
|          | 92       | _        | H              | <u> </u>                            | -               | <u> </u> | <u> </u>     |          | $\vdash$     | <u> </u>     |
| <u> </u> | 93       | $\vdash$ | -              | <u> </u>                            | $\vdash$        |          | _            | _        | $\vdash$     | <u> </u>     |
| <u> </u> | 94       | <u> </u> | -              | <u> </u>                            | ├               | <u> </u> | <del> </del> | <u> </u> | -            | <u> </u>     |
| -        | 95       | $\vdash$ |                | <u> </u>                            | -               |          | <u> </u>     | <u> </u> | <b> </b>     | <del> </del> |
| -        | 96       |          |                |                                     | <u> </u>        | ļ        | ļ            | -        | $\vdash$     | $\vdash$     |
| <u> </u> | 97       |          | <u> </u>       | <u> </u>                            | $\vdash$        | <u> </u> | <u> </u>     |          | -            |              |
| $\vdash$ | 98<br>99 | $\vdash$ | <del>  -</del> | <u> </u>                            | $\vdash$        | $\vdash$ | $\vdash$     | _        | $\vdash$     | ├-           |
| -        | 100      | <u> </u> | <u> </u>       | <u> </u>                            | -               |          | ├-           |          | <del> </del> | $\vdash$     |
|          |          |          |                |                                     |                 |          |              |          |              | 1            |

| Cl    | aim  | _  |  | -  | _  | Date   |                |  |  |                 |
|-------|--|--|--|--|--|--|----------------|--|--|-----------------|
| - 016 |  |  |  |  | _  | Jak  |                | $\neg \neg$                                      |  | $\dashv$        |
| _     | laí  |  |  |  |  |  |                |  |  | ı               |
| Final | Original   |  |  |  |  |  |                |  |  |                 |
| IL.   | ō  |  |  |  | į  |  |                |  |  |                 |
|       |  | Ш  |  | L.,  |  |  |                |  |  | Ш               |
|       | 101<br>102<br>103<br>104<br>105                      |  |  |  |  |  | _              |  |  | Щ               |
|       | 102  | Ш  |  | L  | L  | Ш  | L.             |  |  | Щ               |
|       | 103  |  |  | L  | L_   |  | L.             |  | L_   | Щ               |
|       | 104  |  |  |  |  |  |                |  |  |                 |
|       | 105  |  |  |  |  |  |                |  |  |                 |
|       | 106  |  |  |  |  | L.,  |                |  |  |                 |
|       | 107  |  |  |  |  |  |                |  |  |                 |
|       | 106<br>107<br>108                                    |  |  |  |  |  |                |  |  |                 |
| •     | 109  |  |  |  |  |  |                |  |  |                 |
|       | 110  |  |  |  |  |  |                |  |  |                 |
|       | 111  |  |  |  |  |  |                |  |  |                 |
|       | 112  |  |  |  |  |  |                |  |  |                 |
|       | 113  |  |  |  |  |  |                |  |  |                 |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116 |  |  |  |  |  |                |  |  |                 |
|       | 115  |  |  |  |  |  |                |  |  |                 |
|       | 116  |  |  |  |  |  |                |  |  |                 |
|       | 117  |  |  |  |  |  |                |  |  |                 |
|       | 118  |  |  |  |  |  |                |  |  |                 |
|       | 119  |  |  |  |  |  |                |  |  |                 |
| -     | 117<br>118<br>119<br>120<br>121<br>122<br>123<br>124 |  |  |  |  |  |                | Г  |  |                 |
|       | 121  |  |  |  |  |  | Г              |  |  |                 |
|       | 122  |  |  |  |  |  |                |  |  |                 |
|       | 123  |  |  |  | Г  |  |                |  |  | П               |
|       | 124  |  |  |  |  |  |                | Г  | $\vdash$   |                 |
|       | 125  |  |  |  |  |  |                | Г  | Г  |                 |
|       | 126  | _  | _  |  | $\vdash$   |  | _              |  |  | П               |
|       | 127  | Г  |  | _  | _  |  |                |  |  |                 |
|       | 128  | $\vdash$   | Г  | <del>                                     </del> |  | <del>                                     </del> |                | <u> </u>   | -  | П               |
|       | 129  |  | Н  |  |  |  |                |  |  |                 |
|       | 125<br>126<br>127<br>128<br>129<br>130               | $\vdash$   | Н  | İ  |  | $\vdash$   |                |  |  | Н               |
|       | 131  | <del> </del>                                     | _  |  |  | <del>                                     </del> |                | <del>                                     </del> | <u> </u>   | $\vdash \vdash$ |
|       | 132  | $\vdash$   |  | $\vdash$   | $\vdash$   |  | $\vdash$       | $\vdash$   |  | $\vdash$        |
|       | 133  |  |  |  | <del>                                     </del> | <u> </u>   |                | $\vdash$   |  | Н               |
|       | 133<br>134   | <del>                                     </del> | -  |  | <del>                                     </del> | $\vdash$   |                |  | <del>                                     </del> | $\vdash \vdash$ |
|       | 135  | <del>                                     </del> |  | $\vdash$   | H  | $\vdash$   | $\vdash$       | $\vdash$   |  | H               |
|       | 136  | ┢  | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$       | $\vdash$   |  | Н               |
|       | 136<br>137   | <del> </del>                                     | <del>  -</del>                                   |  | <del>                                     </del> | _  |                |  | _  | $\vdash \vdash$ |
|       | 138  |  | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$   | Н               |
|       | 138<br>139   | -  | ├-   |  | <del> </del>                                     |  | ┝╼             | $\vdash$   | <del> </del>                                     | H               |
|       | 140  |  | _  | $\vdash$   | -  | -  |                | ┝  | <del> </del>                                     | Н               |
|       | 141  | $\vdash$   | -  | $\vdash$   | -  | $\vdash$   | <del> </del>   | ┢  | ┢  | $\vdash$        |
|       | 142  | -  | $\vdash$   | $\vdash$   | 1  | -  | $\vdash$       | -  | <del> </del>                                     | Н               |
|       | 143  | $\vdash$   | -  | $\vdash$   |  | ├─   | -              |  | -  | $\vdash$        |
|       | 144  |  | $\vdash$   | $\vdash$   |  | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$   | Н               |
|       | 145  | $\vdash$   | <del>                                     </del> | -  | $\vdash$   | ╁─   | -              | <del>                                     </del> |  | $\vdash$        |
|       | 146  | ├-   |  | <del>                                     </del> | ├-   | ├-   | <del>  -</del> | $\vdash$   | <del>  -</del>                                   | $\vdash$        |
|       | 147  | $\vdash$   | $\vdash$   | $\vdash$   | -  | <del> </del>                                     | <del>  -</del> | ├-   |  | Н               |
|       | 148  | ├-   | ├  | ├  | ⊢  | _  | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$        |
|       |  | ├─   | -  | -  |  | $\vdash$   | $\vdash$       | $\vdash$   | ⊢  | H               |
|       | 149  | -  |  | ├-   | ├-   | <del> </del>                                     | ├—             | $\vdash$   | -  | $\vdash$        |
|       | 150  | <u> </u>   | Ц.   | <u> </u>   | L  | <u> </u>   | Ц_             | Щ  | Ц  | Ш               |